

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
10 June 2004 (10.06.2004)

PCT

(10) International Publication Number  
**WO 2004/049109 A3**

(51) International Patent Classification<sup>7</sup>: **A61B 5/08**

(21) International Application Number:  
PCT/US2003/036454

(22) International Filing Date:  
12 November 2003 (12.11.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
10/305,416 25 November 2002 (25.11.2002) US  
10/327,603 20 December 2002 (20.12.2002) US

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

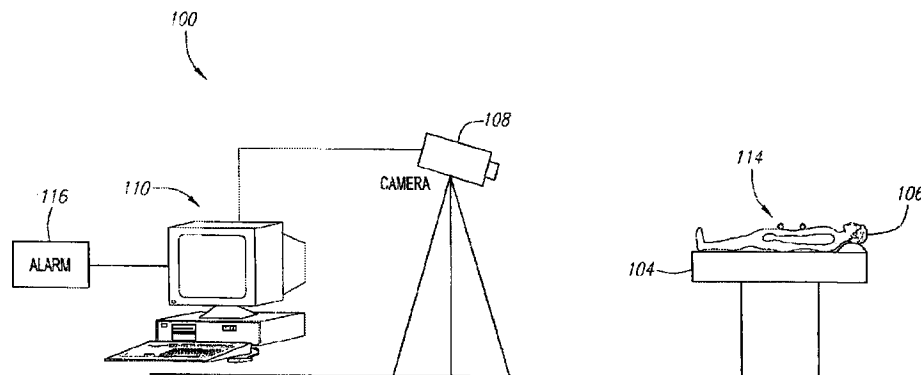
**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:  
29 July 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND SYSTEM FOR MONITORING BREATHING ACTIVITY OF A SUBJECT



(57) Abstract: A method and system (110) for monitoring breathing movement of a subject (106) is disclosed. A method and system (110) for detecting and predictably estimating regular cycles of breathing movements is disclosed. Another disclosed aspect of the invention is directed to detect and report irregularity of breathing activity of an infant, such as cessation and non-periodicity, which suggests a likelihood of SIDS.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/36454

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : A61B 5/08

US CL : 382/128; 600/536

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 382/100, 107, 128, 130, 278; 600/529, 534, 535, 536

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,895,160 A (REENTS) 23 January 1990 (23.01.1990), see column 6, line 35 through column 7, line 23.	17-21
X	US 4,971,065 A (PEARCE) 20 November 1990 (20.11.1990), see column 8, line 41 through column 10, line 21.	17-21
A	US 5,513,646 A (LEHRMAN et al.) 07 May 1996 (07.05.1996), see the entire document	1-57
A	US 5,993,397 A (BRANSON) 30 November 1999 (30.11.1999), see the entire document.	1-57

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

18 May 2004 (18.05.2004)

Date of mailing of the international search report

28 MAY 2004

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